

Water, Sterile, Molecular Biology Grade

DEPC treated, Nuclease and Protease free

Product Code: TCL016

Product Description:

Molecular Weight: 18.02

Molecular Formula: H₂O

CAS number: 7732-18-5

TCL016, Water, Molecular biology grade is sterile filtered water treated with 0.1% Diethylpyrocarbonate (DEPC). DEPC inactivates RNases by carboxylation of specific amino acid side chains in the protein. It is prepared by passing water through a continuous process which includes water pretreatment, reverse osmosis, deionisation, and filtration. It is produced specifically for molecular biology applications like DNA/RNA purification, protein applications and experiment involving RNA.

Quality Control:

Appearance

Colorless, clear solution.

pH

5.00 -7.00

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

DNases/ RNases/ Proteases

Not detected

Endotoxin content

NMT 1EU/ml

Storage and Shelf Life:

Store at 15 - 30°C.

Shelf life of the product is 36 months.

Use before expiry date given on the product label.

Disclaimer :

Revision : 04/2022

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